



**FAG**

**718/530-MP-P5**

Angular contact ball bearing

Angular contact ball bearing 718..-MP, single row, solid brass cage



Technische Informationen

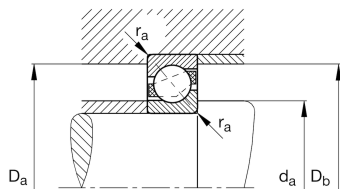


Ihre aktuelle Produktvariante

Sealing	Without	Not sealed
Cage	MP	Solid brass cage, ball guided
Tolerance class	P5	Class 5 (ISO 492:2023)
Dimensional / heat stabilization	S1	Rings dimensional stabilized up to 200°
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	530 mm	Bore diameter
D	650 mm	Outside diameter
B	56 mm	Width
C <sub>r</sub>	405.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	840.000 N	Basic static load rating, radial
C <sub>ur</sub>	20.400 N	Fatigue load limit, radial
n <sub>G</sub>	1.360 1/min	Limiting speed
n <sub>gr</sub>	730 1/min	Reference speed
≈m	37,2 kg	Gewicht





### Mounting dimensions

$d_{a \min}$	542,4 mm	Minimum diameter of shaft shoulder
$D_{a \max}$	637,6 mm	Maximum diameter of housing shoulder
$D_{b \max}$	644 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,5 mm	Maximum fillet radius of shaft
$r_{a1 \max}$	1 mm	Maximum fillet radius of housing




### Dimensions

$r_{\min}$	3 mm	Minimum chamfer dimension
$r_{1 \min}$	1,1 mm	Minimum chamfer dimension
$D_1$	606,1 mm	Shoulder diameter on outer ring wide side face
$d_1$	576,5 mm	Shoulder diameter on inner ring wide side face
$a$	198,3 mm	Distance between the apexes of the pressure cones
$\alpha$	30 °	Contact angle

### Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	200 °C	Operating temperature max.

### Eigenschaften

-  Radiale Last
-  Axiale Last aus einer Richtung
-  Fettschmierung
-  Ölschmierung
-  Nicht abgedichtet
-  Großlager